Title	PSSC Chinese Learning Kit Version 10 [Translation Reference Table]
Date	13/1/2019
Author(s)	-

Title	School Related ENG-CH Translation List
Author	Lim Wang Sheng, School of Information Technology, Nanyang Polytechnic

Level of Education (学习程度)	
Kindergarten	幼稚园
Primary School	小学(SG) , 国小(TW)
Secondary School	中学(SG), 初中(PRC), 国中(TW)
Junior College	初级学院(SG), 高中(PRC/TW)
Centralized Institute	高级中学
Institute of Technical Education	工艺教育学院
Polytechnic / Technical College	理工学院(SG) /技术学院(PRC/TW)
University	大学
Graduate School	研究所(TW)
Tertiary Institution	大专学府

Academic Transcript (Graduation Level) (学历)	
PSLE Certificate	小学离校考试证书
GCE NT Level Certificate	剑桥新加坡 N 水准（普通工艺源流）证书
GCE NA Level Certificate	剑桥新加坡 N 水准（普通学术源流）证书
GCE O Level Certificate	剑桥新加坡 O 水准证书
GCE A Level Certificate	剑桥新加坡 A 水准证书
Polytechnic Foundation Programme Certificate	理工学院基础课程证书
Polytechnic Diploma	理工学院文凭
University Degree	大学文凭/大学学位
Integrated Programme	直通车计划
Bachelor Degree	学士学位
Master Degree	硕士学位
Doctorate Degree	博士学位
Graduate	毕业生
IB	国际文凭

Facilities – 学校设施	
Classroom/Tutorial Room	课室
Computer Room	电脑室
Science Lab	实验室
School Hall	礼堂
Lecture Hall	阶梯教室
Security Guard Post	保安人员办公室
Wireless Networking	无线上网

Office	办公室
Enquiries Office	询问处

Administrative Matters (Admission Related) 校园行政事务	
Part Time Student	兼职学生
Admission	加入学校
Deferment	休学
Withdrawal	退学
Expulsion	开除
Disciplinary Actions	纪律处分
National Service	服兵役/国名服役
Indemnity Form	同意书
Tuition Grant	学费辅助
Tuition Loan	学贷
Access Card	设施使用授权卡

Subject List	
(Language Subjects) – 语文类别	
English	英文
Mother Tongue	母语
Chinese Language	中文
Malay Language	马来文
Tamil Language	泰米尔文
(Science Subjects) - 科学类别	
Mathematics	数学
Additional Mathematics	高级数学
Biology	生物学
Physics	物理学
Chemistry	化学
Food and Nutrition	营养学
(Technical Subjects) – 技术类别	
Computer Applications	电脑技术
Design & Technology	设计学
Biotechnology	生物科技学
Arts and Huminites – 人文类别	
Arts	美术
History	历史
Geography	地理
Literature	文学
Music	音乐

Economics	经济学
Social Studies	社会科学
Commerce – 商科类别	
Principle of Accounting	会计理论
Elements of Business Skills	基本商业营运知识

Polytechnic Scoring System (理工学院分数制度)	
Module	科目
Module Credit	比重
Examinable Module	考试项目
Non-Examinable Module	非考试项目
Module Points	学分
CCA Points	课外辅助活动积分

Mode of Assessment (考试方式)	
Written Paper	笔试
Practical Exam	实践考试
Project	专题作业
Oral Examination	口试

Exam Grading (等级)	
A	甲等
B	乙等
C	丙等
D	丁等
U	拒写等级
Pass	及格
Fail	不及格
Points	分数
Mean Subject Grade	科目平均分数

Polytechnic Faculty and Schools (科系)	
School of Information Technology/School of Infocomm Technology/School of Computer Science	资讯科技系
School of Business Management	工商管理系
School of Chemical & Life Science	化工与生物科学系
School of Design	美术与设计系
School of Engineering	工程系
School of Electronics	电子工程系
School of Maritime Studies	海事工程系/海事工业系

School of Applied Science	科学系
School of Health Sciences	保健科学系
School of Environmental Studies	环境工程系
School of Humanities and Social Studies	人文系
School of Built Environment	建筑系
School of Sports, Health and Leisure	体育系

Exam and Education Authority (教育与考试评鉴单位)	
Polytechnic Examination Board	理工学院考试局
Singapore's Examination and Assessment Board	新加坡考试与评鉴局
Ministry of Education	教育部

File Name	人格特质与个性翻译表 Human Character Eng-CH Translation List
File Number	20170129A – 200/272
Author	-

Respect – 尊
Courtesy – 礼貌
Courteous – 有礼貌
Respectful – 以礼待人
Mean （At using Language) – 尖酸刻薄
To curse and swear – 脏话/使用脏话/破口大骂
Disrespectful – 对他人没有礼貌/无礼待人
Care -爱
Fillial – 孝顺
Fillial Piety – 孝道
To care about – 对他关心/贴心
Care about family – 顾家
Nonchalant – 不理会/没公德心
Don't care – 莫不关心
To not damage public property - 爱护公物
Cherish – 懂得珍惜/珍惜物品
Appreciative – 懂得感激/懂得感恩
Not to be too greedy – 懂得知足
Relationship Fidelity（BGR Only) – 专情/专一
Relationship Infidelity (BGR Only) – 花心/滥情
Selfish – 自私
Selfless – 无私
Integrity – 诚信
Honest – 老实/诚实
Dishonest – 不诚实/不老实
Loyalty
Loyal – 忠心
Disloyal – 不忠心/不忠
Defector – 叛徒

Perserverance – 毅力
Determined – 坚持
Strong – 坚定
Resilient – 坚强
Concentrated – 专心/集中
Confident – 有自信
Too easy to give up – 容易放弃/不够坚定
Fragile – 脆弱
Not resilient – 不堪一击/抗压能力低
Diligence – 勤/勤奋
Hardworking – 用功/努力
Inconsistent – 三日打鱼 两日晒网
Passion – 热忱
To be passionate about – 对某些事情有热忱
Interested in – 对某事情有兴趣
Rekindle interest in something – 复燃/再次对事情有兴趣
Professionalism – 专业态度
To focus on details – 细心
Unprofessional – 粗制滥造（Manafacturing) / 做事不专业（Service/Office)
To do for the sake of doing – 做事不认真
Steady – 稳重
Other ways of describing a person's character [Neutral/ Can't be grouped in above tables]
Positive
Matured – 成熟
Gentle – 温柔
Team spirit – 团体精神/团结精神
Responsible – 负责任
Fierce and Strict and take work seriously – 不苟言笑
Compiliant – 守条规
Punctual – 准时/守时
Doesn't mix personal with work matters – 公私分明

Negative
Irresponsible – 不负责任
Stubborn – 固执/执迷不悟
Wilful – 任性
Bad temper and easilly angered – 脾气暴躁/脾气坏
To speak without thinking properly – 讲话不经大脑/讲话冲动
Impulsive – 冲动
Too proud – 太骄傲
Immoral – 道德沦丧/不符合道德
Behave inappropriately in public – 行为放荡不羁
Bad habits – 恶习/坏习惯
Neutral (Can be both good, bad or none)
Influential – 对他人有影响力
Low Profile – 低调
Dominant – 强势
Adaptive – 适应能力强/能屈能伸

Idiomatic Expressions and Useful Phrases [Mainly Used in Essay Writings]	
行有不得，反求诸己	Before you push the blame to someone else, you should self-reflect.
平时不烧香，临时抱佛脚	Describing the act of doing last minute work
只要功夫深，铁棒磨成针 天下无难事，只怕有心人	Determination will lead to success
早知今日，何必当初	To haven’t had cause the problem, it is best you haven’t done it
若要人不知，除非己莫为	It is inevitable that if you did something bad, someone will know it, sooner or later.
胜不娇，败不馁	Success doesn’t mean you should be too proud, while people who failed should remain resilient
江山易改，本性难移	The leaopard will never change its spots.
一寸光阴一寸金，寸金难买寸光阴	Time is precious
少壮不努力，老大徒伤悲	A person will regret for him being lazy.
一言既出，驷马难追	To remember a promise and fulfill it
经一事，长一智	Learn from Mistakes
狗拿耗子，多管闲事	To be a busybody

机不可失，时不再来	Oppurtunity is rare and you should cherish it.

File Name	公共交通翻译表 Public Transport Eng-CH Translation List
File Number	20170205E – 407/423

Modes of Public Transport	
Public Bus	公共巴士（SG）、公交车（PRC）、公车（TW）
Bus Rapid Transit	快速公交系统（PRC）、公车捷云系统 （TW）
Train (MRT)	列车
Train (Commuter Railway)	火车、电联车（Electric Units）
Mass Rapid Transit/Metro	地铁（SG/PRC/HKSAR）、捷运（TW）
Light Rail Transit	轻轨列车
Train Number	车次
Express Train/Express Bus	直达车
Shuttle Train	接驳车（SG）、短程列车服务（SG/PRC）、区间车（TW）
High Speed Railway	高速铁路/高铁

Public Transportation Faults and Disaster Events	
Train Fault	列车故障
Track Fault	轨道故障
Signaling Fault	信号故障/信号系统失灵
Collision	相撞/追撞
Derailment	列车出轨
Topple	翻覆
Bus Breakdown	巴士抛锚
Reliability	可靠性
Punctuality	准点率

Name of Metro System in Chinese Speaking Countries	
Singapore MRT	新加坡地铁
SMRT	新加坡地铁公司
SBS Transit	新捷运
Taipei Metro	台北捷运
Shanghai Metro	上海轨道交通/上海地铁
Hong Kong MTR (Mass Transit Railroad)	港铁
Beijing Metro	北京地铁

Service Matters	
Do Not Board/Off-Service	本班列车不载客/停止载客服务
Service Frequency	班次
Headway	班距

Interchange	转换站
Terminal Station	终点站/端点站
Peak Hours	繁忙时段（SG）、尖峰时段（TW）
Off-Peak Hours	非繁忙时段（SG）、离峰时段（TW）
Delay	延误
Last Departing Train/Last Departing Bus	末班车/最后一班列车
Fares	车资
Fare Gates	验票机/收费闸门（SG）
Railway Loop Line Matters	
Inner Circle	内环
Outer Circle	外环

Vehicle Related （Technical）	
Brakes	刹车器
Emergency Braking	紧急刹车
Depot	车厂
Platform Screen Doors	月台幕门/月台闸门
Signaling System	信号系统

Singapore MRT Lines	
East West Line	东西线
North South Line	南北线
North East Line	东北线
Circle Line	地铁环线
Downtown Line	滨海市区线
Thomson-East Coast Line	汤森东海岸地铁线
Bukit Banjang LRT Line	武吉班让轻轨线
Sengkang LRT Line	盛港轻轨线
Punggol LRT Line	榜鹅轻轨线

Railway Names	
Taiwan Railway Administration	台铁
Taiwan High Speed Rail	台湾高铁
Shanghai Maglev Train	上海悬磁浮列车服务
China Railway High Speed	中国高铁

File Name	Geography Related ENG-CH Translation List
File Number	20170204B – 020/198 （Refurbished）

Basics of Geography	
Compass	指南针
Direction/Bearing/Heading	方向
Map	地图
Climate	气候
Weather	天气
Climate	气候
Tropical Climate	热带气候
Temperate Climate	温带气候
Forecast	天气预报
Weather Station	气象局
Altitude	海拔
Longitude	经度
Latitude	纬度

Weather Conditions and Disaster Events Types			
Cloudy		多云天气	
Cloud		云	
Partly Cloudy		局部多云	
Mostly Cloudy		大部分多云天气	
Rain		雨/下雨	
Rainy Days		雨天	
Lightning		闪电	
Thunder		打雷	
Thunderstorm		暴风雨	
Haze		烟雾	
Foggy		大雾笼罩	
Earthquake	地震	Tsunami	海啸
Typhoon	台风 （SG/TW/PRC） 风球 （HKSAR）	Tornado	龙卷风
Waterspout	水龙卷	Flood	水灾
Drought	干旱	Heat Waves	热浪
Forest Fires	丛林野火		
Satellite Image	卫星图像	Radar	雷达图像
Thermometer	温度计	Barometer	气压计
Drone	无人驾驶飞机		

Consequences Due to Weather Conditions	
Slow Traffic	交通缓慢
Train Delays	列车延误（SG/PRC）， 列车误点（TW）
Cancellation of Train Services	列车服务取消
Cancellation of Flight Services	航班取消
Flight Delays	航班延误
Traffic Accident	交通事故
Train Derailment	列车出轨
Train Collision	列车相撞 （SG/PRC）， 列车追撞（TW）
Damages	经济损失
Damages to Buildings	房屋及建筑结构受损
Trees Collapse	大树倒下
Inconveniences	出行不方便
Loss of Electricity	电力供应中断
State of Emergency	紧急状态
Evacuation	紧急疏散

Title	Business Technical Vocabulary ENG-CH Translation List [Phase 1A]
Author	Lim Wang Sheng, Nanyang Polytechnic, School of Information Technology Thank You, Ira, For Contributing to the Completion of the Document.
Date	08-08-2017
Note	*** This document is designed for NYP use but possible uses may be applied to other polytechnics as well due to similarities in business course.

Accounting in Chinese (Introduction)	
Asset	资产
Equity	资本
Liability	债务
Expenses	开支
Income	盈利

Assets	
(Tangible Assets) [有形资产]	
[Fixed Assets] [不动产]	
Motor Vehicle	运货车辆/货车
Premises	办公地点
Building	大厦
Furniture	办公室桌椅
Office Equipment (Devices)	办公室设备
Factory Equipment	生产线设备
Shares	公司持有股权/股票
Short Term Assets [流动产] [Current Assets]	
Cash in Bank	存放银行现金额
Cash in Hand	现金
Debtor	债务人
Prepaid Expenses	预付开支
Securities	债券
Accrued Revenue	预取盈利
Purchases	货物
Intangible Assets [无形资产]	
Copyright	版权
Patent	专利权
Good Will	公司声誉

Equity	
Shareholder	股东
Shareholder Equity	股东投资额

Liability	
Long Term Liability (长期债务)	
Bank Loan	银行贷款
Mortgage	抵押贷款
Current Liability （短期债务）	
Creditor	债权人
Prepaid Revenue	预收盈利
Accrued Expense	预提开支
Bank Overdraft	银行欠款

Income	
Dividends Received	公司的投资股息
Rent Received	收取租金额
Sales	营业额

Expenses	
Paid Dividends	股东应获股息/派发股息额
Salary and Wages	员工薪金
Bad Debts	公司坏账
Utility Bills	水电费
Legal & Professional Fees	法律咨询费
Paid Rent	办公地点租金
Taxes	报税/缴交税务
Travel Expenses	员工出差费用
Miscellaneous	杂费
Bank Expenses	银行服务费

Type of Business Operation	
Cooperation	集团
Company	公司
Partnership	合伙企业
Sole Proprietorship	独资经营公司
Listed Company	上市公司
Unlisted Company (Private Limited)	非上市公司

General Glossary	
Transaction	交易
Petty Cash Expenses	小额付款

Nanyang Polytechnic School of Business Management Common Module List (Taken by two or more courses) 工商管理系	
Principle of Accounting/Introduction to Financial Accounting	会计理论
Economics	经济学
Business Statistics	商务统计学
Marketing Skills	行销策略
Effective Writing/Writing for Mass Media	写作技巧
Effective Presentation / Effective Oral Communication/Business Presentation Skills	商务沟通技巧 – 同事交流及发布会须知
Business Software and Applications	商务软件运用
Audit	账目审计
Business Law	商务营业条例理论
International Business	国际贸易
Customer Relationship Management	企业客户关系管理
Internship Programme	实习计划
Entrepreneurship	创业研究
Management and Organizational Behavior	企业结构与管理原则
Public Relation	公关技巧
Consumer Behavior	消费者行为研究
Business Analytics	营业数据收集与分析
Cooperate Finance	企业财务管理
Risk Management	风险管理
Design Thinking & Innovation	创新与研究计划
Financial Management	财政支出管控

Accountancy & Finance – 会计与金融管理	
Internal Controls & Risk Assessment	风险管理
Taxation	报税理论
International Finances & Treasury	国际金融财务管理
Human Resource Management & Practices	人事管理
Banking & Finance – 银行业与金融管理	
Banking Law & Ethics	银行营业条例与道德知识
Credit Analysis & Administration	信贷评鉴
Personal Banking	个人银行账目管理
Digital Banking & Fintech	金融科技系统
Fund Administration & Accounting	资金管理
Securities Management	债券管理
Trust, Tax and Estate Planning	信托、税务与地产管理
Business Management (商业管理)	
Retail Management	零售业管理
Event Management	活动策划
International Business	国际贸易

Supply Chain Management	物流管理政策
Human Resource Management	人事管理
Food and Beverages Business (餐饮业管理)	
Essentials of Food and Beverages Business	餐饮业基础须知
Food Safety & Hygiene	食物处理卫生与安全须知
Stocks and Sauces Preparation	酱料与上汤制作
Basic Cookery & Food Service	基本厨艺
Introduction to Nutrition Science	营养学
Kitchen & Restaurant Operations	厨房与餐厅运作管理
Menu Planning, Cost Control & Food Logistics	菜单设计、成本控制与相关幕后工作
International Cuisine	西方菜肴准备/国际菜肴
Meats & Seafood Identification and Applications	肉类与海鲜料理辨识与相关料理制作
Asian Cuisine	亚洲菜肴
Bakery	烘焙技巧
Marketing (大众行销)	
Brand Management	品牌维系
Personal Selling & Negotiation Skills	商务谈判技巧

七情六欲
喜、怒、哀、惧、爱、恶、欲

喜 [Happiness]
开心/快乐 - Happy
兴奋 - Excitement
惊喜 - Surprised
幸福 - Happiness - Long Term
愉快 - Pleasant
感动 - Touching/Touched
喜极而泣 - Shed tears of joy
享受 - Enjoy
炫耀 - Show-off
轻松 - Relaxed
成就感 - Sense of accomplishment
熟悉 - Familiar

哀 【Sadness】
不愉快 - Unpleasant
不满意 - Unsatisfied
不快乐/难过/伤心 - Unhappy
遗失 - Feel that I have lost something
坎坷 - Difficult Challenge
无奈 - Helpless
沧桑 - To feel a major negative change.
遗憾 - Regret (Unable to accomplish something)
后悔/悔意/惭愧 - Regret (For doing something wrong)
沉默 - Silent (Refuse to say a word)
哭 - Cry (Noun)
哭泣 - Cry (Verb)
泣不成声 - To cry really badly
掉泪 - To shed tears
孤单/寂寞/孤独 - Lonely
委屈 - Grievances
感到挫折/备受挫折 - Full of setbacks
崩溃 - Emotional Collapse
感慨 - To complain helplessly
痛心/心痛/心碎 - Heartbroken
感到压力 - Stressed
忍受/忍耐 - Tolerate something negative
空虚 - Feel empty
伤悲/悲痛 - Sadness
犹豫 - Hesitant
落寞 - Feel extremely down

为难 - Dilemma/Catch-22
厌倦 - Tired of something
沉重 - Feel heavy
尴尬 - Awkward
冷淡 - Cold Shoulder

怒【Angry】
生气/动怒/感觉愤怒 - Feel Angry
吃醋/妒忌/嫉妒 - Jealous
抱怨 - Complain (Verb)
怨言 - Complaint (Noun)
怨气 - Anger
惊讶 - Shocked
冲突 - Conflict
抓狂 - Mad over something
激动/激怒 - Agitated
不满意 - Unsatisfied

惧【Fear】
迟疑 - Hesitation
畏惧 - Fear of something
牵挂 - Worry about someone
紧张 - Nervous

爱【Love】
[Couple]
暧昧 - Ambiguous status (Referring to being friends but doing things that a couple will do without ever clarifying)
暗恋 - Crush
初恋 - First Love
热恋 - Love *** (Referring to first few months of a relationship)
痴恋 - Love
苦恋 - Difficult relationship
失恋 - Break-ups / Divorces
对 <某人> 动心/对他/她有爱意 - Have a crush on someone
眷恋 - Love a person
暖意 - Feel warm
体贴 - Good to another person
告白 - Confession

【Family】
温馨 - Warm Atmosphere (Referring to family usually)

欲 【Desire】
情不自禁 - Cannot help it
食欲 - Desires for food

恶 【Negative behavior and disgust】
汗颜/丢脸 - Feel ashamed
恶心 - Disgusted
不知羞耻/不知廉耻 - Doesn't care about the public disgust
行为放荡不羁 - Inappropriate behavior / Behave inappropriately

中立 【Neutral Feelings】
情绪起伏 - Emotional Ups and Downs
沉淀 - Calm down
疗伤 - Recover from sadness
安慰/安抚 - Console another person's feeling
一夜长大 - Grow up overnight
祝福 - Give another person's a blessing
和解 - Settle a problem peacefully
停损点 -

Mathematical Related Vocabulary ENG-CH Translation List
Document Number : 20160923A – 430/431
Document Number (DCLTS) : 20160923 – 441-337

Basic Mathematical Operation	
Plus/Add	加
Minus/Deduct/Subtract	减
Multiply/Times	乘
Divide	除
Power	次方
Root	开根/开根号

Number	
Integer	整数
Positive Number	正数
Negative Number	负数
Rational Number	有理数
Irrational Number	无理数
Trancendental Number	超越数
Decimal Point	小数点
Decimal	小数
Places/Figure	位数
Complex Number	复数
Algebra	代数

Geometry	
Degrees	角度
Radian	弧度
Triangle	三角形
Rectangle	四方形
Square	正方形
Circle	圆形
Polygon	多边形
Oval	椭圆形

Circle Related	
Diameter	直径
Radius	半径
Pi	圆周率

Statistics – 统计学
Permutations - 排列
Combinations - 组合

Calculus - 微积分	
Integral/Integration	积分
Differention	微分法
Definite Integral	顶积分

新加坡旅游景点翻译表 **Singapore Tourist Attraction ENG-CH Translation List**	
Author	Lee Jian Lian Consortium
File Number	20170211A – 170/152

South and Central Singapore
Singapore Flyer – 新加坡摩天观景轮
Esplanade – 滨海艺术中心
Sentosa – 圣淘沙
Universal Studio – 圣淘沙环球影城
Singapore Zoo – 新加坡动物园
Night Safari – 新加坡夜间动物园
National Museum – 国家博物馆
Har Par Villa - 虎豹别墅
Orchard Road – 乌节路
Chinatown – 牛车水
Singapore Indoor Stadium – 新加坡室内体育馆
Little India – 小印度
Istana – 总统府
Suntec City – 新达成
Vivo City – 怡丰城
West Singapore
Singapore Science Centre – 新加坡科学馆
Jurong Bird Park – 裕廊飞禽公园
Botanic Gardens – 新加坡植物园
East Singapore
Changi Airport – 樟宜机场
Expo – 新加坡博览中心

File Title	日常用品与常用家具翻译表
File Number	20170205G- 315/387
Authors	PCTS and Lee Jian Lian
Note	*** File Refurbishment Request

电器及家电类别 （Electric Appliances）	
Lamp	电灯
Television	电视机
Computer	电脑
Desktop Computer	桌上型电脑
Laptop Computer	膝上型电脑
Radio	收音机
Music Player	随身听（Portable Music Player） 音乐播放器（Non-Portable Types）
Media Player	多媒体播放器
DVD Player	光碟播放器
Charger	充电器
Water Heater	热水器
Air-Conditioner	冷气机
Electric Fan	电风扇
Mobile Charger	行动电源

厨房用具类别 （Kitchen Appliances）	
Oven	烘炉
Microwave Oven	微波炉
Electric Oven	电炉
Stove	火炉
Pot	锅
Ladle	饭勺
Fridge	电冰箱
Plates	盘子
Bowl	碗
Spoon	汤匙
Container	容器
Wardrobe	橱柜
Basket	篮子

Furniture	
Desk	书桌
Sofa	沙发
Table	桌子
Chair	椅子
Dining Table	饭桌
Bed	床

Important Administrative Documents	
Birth Certificate	出生证
Marriage Certificate	结婚证书
Driving License	驾照
School Report Card	成绩单
Pay Slip	工资单
Award Certificate	奖状·
Bank Statement	银行账单
Medical Report	医药报告
National ID	身份证
Military ID	军事身份证
Student Card	学生证
Company Identity Card	公司身份证

Toys
Doll – 洋娃娃
Model – 模型

File Title	Computer Games and Phone Games ENG-CH Vocabulary Translation List
File Number	20170206A - 397/398

Notice: I know that there are people who play computer games and share their experience in Chinese class. Here is a quick guide on how to say various gaming related matters in Chinese Language.

Game Verbs

Application – 应用程序
Game –游戏
Phone Games – 手机游戏
Computer Games – 电脑游戏
Virtual Reality – 虚拟实境
Monster – 怪兽
Game Currency – 游戏货币
Trade – 进行交易
Role Playing Game – 角色扮演游戏
Simulation – 模拟
Emulation – 模拟游戏机
Global Positioning System – 卫星定位系统
Soft Ban – 游戏账户被暂停
Permanent Ban – 被永久性终止游戏账户
Violation of Rules – 违规

Game Adjectives

Fun – 好玩
New – 新鲜
Exciting – 刺激
Passé – 过时

Title	Chemical, Life Sciences & Physics Related Translation List 化工、生物学及物理学相关翻译表
Author	Lim Wang Sheng, School of Information Technology, Nanyang Polytechnic James & Johnathan Consortium, Polytechnic Chinese Translation Society
Note ***	Designed for School of Chemical & Life Sciences in Nanyang Polytechnic. It **may** work for ITE and other polytechnics as well. **Module Translation for SCL Courses at the Bottom of the Document.**

Scientific Equipment List	
Ruler	尺
Micrometer Screw Gauge	千分尺
Microscope	显微镜
Magnifying Glass	放大镜
Thermometer	温度计
Infra-red Thermometer	红外线温度计
Telescope	望远镜
Voltmeter	电压探测仪
Stop Watch	码表
Timer	计时器
PH Meter	酸碱值探测仪
Distance Meter (Sonar or Light)	距离测量仪

Measurement Unit Type	
Distance	距离
Wavelength	波长
Frequency	频率
Light Intensity/Luminosity	光照度
Mass	质量
Weight	重量
PH	酸碱值
Energy	能量
Force	力量

Containers	
Beaker	烧杯
Test Tube	试管
Bottle	瓶子

Safety Systems	
Emergency Intercom	紧急对讲机
Emergency Shutdown System	紧急断电装置

Chemistry Uses (Basic Only, For More Advanced Vocabulary, Get Help from A Lecturer, I study IT in school and only revise my sciences to teach.)	
Atom	原子
Ion	离子
Isotope	同位素
Radioactive Material	放射性物质
Half Life	半衰期

Common Nanyang Polytechnic School of Chemical and Life Sciences Module [Taken by Two or More Courses Within the Faculty]	
Mathematics for Life Sciences	生物学专用数学 – 化学计算、生物学计算 与微积分
Cell Biology	细胞生物学
Physical Chemistry	化学须知物理知识
Organic Chemistry	有机化学
Inorganic Chemistry	非有机化学
Microbiology	微生物研究
Biostatistics	生物统计学
Human Biology	人体生物学理论
Industry Attachment Programme / Internship Programme	实习计划
Final Year Project	毕业专题作业
Marketing for Life Sciences	生物医药业行销策略
Research Writing & Conference	研究报告编写与问答技巧
Thermodynamics	热力学
Semestral Project	专题作业
Career Preparatory Skills	职场技能
Drug Development	药物制作与研制
Biologics Purification	过滤学

Medicinal Chemistry (药物化学)	
Introduction to Medicinal Chemistry	基本药物化学理论
Good Laboratory Practices & Quality Assurance	良好实验室安全与品质保证措施
Analytical Chemistry	成分分化与分析
Spectroscopic Technique for Drug Analysis	使用光谱技术分析药物
Medicinal Chemistry	药物化学
Bioenterprise and Bioinovation	生物医药业企业前景与创新须知
Food Science & Nutrition (营养学)	
Introduction to Food Science	食物科学研究
Unit Operation in Food Processing	食物加工(基本)
Food Processing &Preservation	食物加工与保鲜技术
Food Chemistry	食物成分理论
Food Ingredients	食物制作材料研究
Food Microbiology	食物微生物科学
Food Packaging	食物包装
Community Service & Health Promotion	社区服务与促进民众保健
Food Service Management	饮食业管理
Nutrition & Diseases	营养与相关疾病知识
Food Business & Marketing	饮食业行销研究

课程辅助活动翻译表 CCA Eng-CH Translation List	
Date	05-08-2017
Edited By	Lim Wang Sheng From Nanyang Polytechnic School of Information Technology Section Edited by Him Denoted in Green

LEAPS System	
Leadership	领导
Enrichment	进修
Achievements	获奖
Participation	参与
Service	社区服务

CCA Matters	
CCA Points	课程辅助活动积分
Orientation	迎新会
CIP/VIA	社区服务
Interview	面试
Audition	试镜
Promotion	升职

Leadership CCAs	
Student Council	学生议会
Prefect Board	学长会
Student Union	学生大会

CCA Internal Leadership	
CCA Council / Exco	课程辅助活动议会
President/Chairperson/Chief	主席
Vice Chairperson/Chief	副主席
Deputy Chairperson/Chief	代主席
Secretary	秘书
Treasurer	财务管理员
Representative	代表

Section Leader	组长
Vote	投票
Veto	否决
Veto Power	否决权
Proposal (Council)	议案
Written Proposal	计划书

Club And Societies (Community Service Included) [社团]	
Infocomm Club	资讯通信社
Art Club	美术社
Mentoring Club	教育工作社
Science Club	科学研究社
Emcee Club	节目主持社
Debating Club	辩论社
AVA Club / AVA Crew	技术团队 – 舞台电脑、音响系统及灯光管理组
Entrepreneur Club	创业社
Media Club	传媒社
Library Club	图书管理社
Chinese Calligraphy	中华书法社
Animation Club	动画社
Robotics Club	机械工程社
Gardening Club	园艺社
Singapore Youth Flying Club	新加坡青年航空飞行团体

Performing Arts [艺术表演]	
Chinese Dance	华族舞蹈团
Malay Dance	马来族舞蹈团
Indian Dance	印度族舞蹈团
Western Dance / Modern Dance/Foreign Bodies (NYP)	西方舞蹈团
Band/Symphonic Band/Military Band	乐队
Chinese Orchestra	华乐团
Violin	提琴乐队

Piano Ensemble	钢琴乐队
Choir/Voice Ensemble/Singing Club	合唱团
Christian Choir	唱诗班
Show Choir	戏曲社
Drama Club	戏剧社
Harmonica Ensemble	口琴乐队

Sports (运动/体育项目)	
Basketball	篮球队
Bowling	保龄球队
Table Tennis	乒乓队
Skipping	花式跳绳队
Volleyball	排球队
Tennis/Badminton	网球队
Golf	高尔夫球队
Soccer	足球队
Gymnastics	体操队
Rock Climbing	攀岩协会
Archery	射箭队
Judo	柔道
Hockey	曲棍球队
Adventure Club	冒险爱好团体
Taekwondo	跆拳道协会
Chinese Martial Arts	中华武术团体

Uniformed Groups (制服团体)	
NPCC	学生警察团
SJAB	圣约翰救生队
Scouts	童子军
Brownies	女童子军
Boys Brigade	少年吕
Girls Brigade	女少年吕
Red Cross Society	红十字会

Title	购物与食物相关翻译表 Shopping and Food Related Translation List
File Number	20170209A – 260/216

开门七件事 (Seven Essentials of the Ancient and Modern People)	
柴	Coal
米	Rice
油	Oil
盐	Salt
酱	Sauce
醋	Vinegar
茶	Tea

Purchase of Items	
超市	Supermarket
价格	Pricing
重量	Weight
收据	Receipt
购物商场/百货公司	Shopping Mall
折扣/降价出售	Discounts
服务	Services
小贩中心	Food Court
货物	Goods
送货	Delivery of Goods
手推车	Trolley
刷卡	Payment by Card (Bank Card or Credit Card)
信用卡	Credit Card
转账卡	Debit Card
分期付款	Installments
现金	Cash
利息	Interest
会员	Member
会员证	Membership Card
提款机	ATM
学生价	Student Price

食物类别	
奶粉	Milk Powder
饼干	Biscuits
雪糕（SG/TW/HKSAR）/冰淇凌(PRC)	Ice Cream

Title	Information Technology and Computer Related Translation List
Date	05-08-2017
Author	Lee Jian Lian Consortium Nanyang Polytechnic School of Information Technology Students & NYP Mentoring Club Lim Wang Sheng, School of Information Technology, Nanyang Polytechnic

Basics (Hardware)	
Keyboard	键盘
Screen	荧幕
Mouse	滑鼠
Touch Screen	触碰式屏幕
Computer	电脑
Laptop	笔记本电脑
Desktop	桌上型电脑
CPU	中央处理器
All-In-One PC	中央处理器及硬盘被融入电脑荧幕

Software	
Application	应用程序
Software	软件
Trial Software	软件试用版
Office Suite	办公软件
Text Editor	打字软件
Operating System	操作系统
Activation	软件激活
Volume Licensing	大量购买单一代号使用许可
Academic Licensing	软件教育机构特殊许可
Licensing	软件使用许可
Product Key	激活码/激活代号
OEM Licensing	原厂软件激活
Computer Games	电脑游戏

Office Software Related	
Save	Save File – 储存 Update/Save Changes – 更新
Close	关闭
Open a File	打开文件
Auto-save	自动更新
Cloud Office Suite	云端办公软件
PowerPoint /Slide Making Software	简报软件
Access/ Desktop Database Management System	小型数据库管理系统

Cloud Technology	
Cloud Technology	云端技术
Cloud Storage	云端硬盘

Software and Hardware (System Requirements)	
Clock Speed	中央处理器运行速度
Internet Connection Speed	网速
Hard Disk Space	硬盘空间
Operating System Version	操作系统版本
Graphics Processing Unit	影像处理系统
Internet Browser Version	网络浏览器版本
Screen Resolution	荧幕分辨率

Network Infrastructure and Services	
Router	路由器
Dial-up	拨号
Wi-Fi/Wireless Networking	无线网络
3G Phone Network	第三代手机网络
4G Phone Network	第四代手机网略
Ethernet Cable	网线

Fiber Optic Internet	光纤网络
IP Address	网络 IP 地址
Gateway	闸道

Smart Technology	
Smart Phone	智能手机
Smart Watch	智能手表
Driverless Operation Technology	无人驾驶技术
Smart TV	智能电视
Remote Control Interface	远程遥控技术

Programming	
High Level Programming Language	高阶级程序编写语言
Low Level Programming Language	低阶级程序编写语言
Binary	二进制
Octal	八进制
Decimal	十进制
Hexadecimal	十六进制
Compiling	编译程式/编译器 - Compiler
Interpreter	解释器

IT Security	
IT Security Software	电脑保安软件
Firewall	防火墙
Distributed Denial of Service Attack	大规模阻断服务攻击
Attack Surface	可攻破范围
Attack Surface Reduction	降低可被攻破范围
Isolation	隔离
Hacker	黑客
Black Hat Hacker	黑帽黑客（非法黑客）

White Hat Hacker	白帽黑客（获授权及合法的黑客）
Security Flaws	系统安全漏洞
Software Update	软件更新

Software Source Code Model	
Open Source	开放源代码
General Public License	开放源代码许可
Close Source	禁止代码被公开

Database Systems	
Database	数据库
Database Management System	数据库管理系统
SQL Language	SQL 程式编写语言
Normalization	数据库正常化
1NF	一次正常化数据库
2NF	二次正常化数据库
3NF	三次正常化数据库
Database Anomaly	数据库异常

**** If you can't find your module in any respective row, please refer to the common SIT module section. To save resources, common modules taken by two or more courses are listed in the common SIT module section.

Common Modules in Nanyang Polytechnic School of Information Technology [May Work for Other Polytechnics, Check Your Polytechnic Module List !]	
Computing Mathematics	电脑专用数学 – 微积分、进制、函数与统计学
Programming Essentials/Principle of Computing	基本程序编写
Database Systems	数据库管理与 SQL 程式编写
Ethics and IT Law	电脑使用道德准则与相关法律知识
Principle of Accounting	会计理论
Web Application Development	网站程式编写

Data Structure & Algorithm	数据结构与相关数学运算
Software Engineering	软件设计
Operating System	操作系统理论
Mobile Application Development	手机应用程序开发
Business Statistics	商务统计学
Internship Programme	实习计划
Computer and Network Forensics	电脑与网络法证收集
Data Analytics and Visualization	数据分析
Marketing	行销策略
Economics	经济学
Communication Skills	沟通技巧 与商务交流
Final Year Project	毕业专题作业
Cloud Computing for Business	企业云端技术
Enterprise Application Development	企业应用程序开发
Advanced Database	高级数据库管理

Diploma in Engineering Informatics (资讯科技工程) **Diploma in Infocomm & Security (资讯通信与保安)**	
IT Fundamentals & Project	电脑基础理论与相关专题作业
Networking Fundamentals & Project	电脑网络基础理论与相关专题作业
Infocomm Security Fundamentals	资讯通信安全基础理论
Network & Communications	网络与数据传输
Services and Services Security Management	服务器管理与相关防入侵知识
Network Security	网络保安
Sensors & Technology	传感器技术
Systems and Network Security Project	电脑系统与网络保安知识与专题作业
Cyber Security Attack & Defense	网络攻击与入侵应对策略
Enterprise Networking and Project	企业网络设计
Enterprise Systems Administration IT Services Operation Management	企业电脑管理

Virtualization & Datacenter Management	数据服务器管理
Open Source Technology Development	开放源代码技术
Financial Informatics （金融服务资讯科技）	
Consumer Banking	银行知识
Cyber Security for Financial Services	金融服务电脑系统保安
Risk Management	风险管理
Fintech	金融科技
Diploma in Information Technology (资讯科技)	
Digital Media Interactive Design	数码多媒体设计
Visual C# Programming	C# 程式编写
Visual C++ Programming	C++ 程式编写
Smart Device Development & Project	智能设备开发
Business Intelligence and Analytics	商务智能分析
Systems & Network Security	网路系统保安
Computer Graphic	数码动画与绘画技巧
Game Development & Project	电脑游戏开发与相关专题作业
Diploma in Business Intelligence & Analytics (商务智能与大数据分析)	
Psychology and Sociology	心理学与社会科学
Consumer Behavior	消费者行为研究
Principle of Web Usability and Design	网站设计
Social Media Application & Project	社交媒体应用程序开发专题作业
Analytics for Financial Services	金融服务大数据分析
Analytics for Retail and Hospitality	零售业与服务业大数据分析
Analytics for Health Care	保健业大数据分析
Social Media Analytics	社交媒体大数据分析
Cyber Security and Forensics（资讯科技保安与电脑滥用法证收集）	
Cryptography and Applications	资料加密技术
Risk and Incident Management	风险管理
Info Security Standard, Policy & Audit	良好系统使用标准与系统安全值审计
Servers & Services Security Management	服务器保安管理

Cyber Forensics Technology	电脑滥用罪案法证收集
Cloud Computing & Security	云端系统安全管理
Digital Rights Management	数码档案版权管理
Mobile Security	移动设备安全措施
Malware Analysis	电脑病毒分析
Advanced Cyber Security Forensics	高级电脑滥用罪案法证收集
Disaster Recovery and Business Recovery	系统遭入侵或攻击的后续处理
Business Informatics （商务资讯科技）	
E-Business & Project	电子商务专题作业
Financial Management	公司财务管理
Management Principles	商业的管理原则
International Business	国际贸易
Business Environment	商业营运环境
Marketing Research	行销策略

Title	Programming English-Chinese Translation List
Author	Lim Wang Sheng, School of Information Technology, Nanyang Polytechnic (Editor): Liu Hui Ling
Date	31/1/2018
Note from Author	I humbly express my apologies for making errors in the previous publications, multiple errors were caught and this is so far, the worse incident of catching errors in translation.

Data-Type	
Integer	整数
Float	浮点
Double	大值浮点数
Long	64-位整数
Signed	正负涵盖
Unsigned	正数
Character	字符
String	字符串
Array	阵列
Object	对象
Boolean	是非组
Variable	变量

Programming Language Type	
Compiled	程序编译
Interpreted	程序解释
Compiler	编译器
Interpreter	解释器

Command in Programming Language and Their Description in Chinese	
IF	如果
Else If	若是
Else	若是以上皆非
For(int I =0; i<maxvalue; i++)	当 （起步 i = 0； i < 最高值； i++）
While （int i <maxvalue）	当 （i< 最高值）

Do … While	至少执行一次再重复执行
Loop	循环/重复执行

```
atic void Main(string[] args)

    //到开程序的字符串输出
    Console.Write("大家好！ 欢迎来到控制台应用程式！");
    Console.ReadKey();
    Console.WriteLine("Welcome to this Console Application !"

    //阵列
    int[] demo = { 1, 3, 4, 5, 6 };

    for (int i = 0; i < demo.Length; i++)
    {
        Console.WriteLine(demo[i].ToString());

    }

    Console.ReadKey();
```

Title	Design Related Eng-CH Translation List
Author	Polytechnic Chinese Translation Society Lim Wang Sheng, School of Information Technology & Unnamed Student from Unnamed Faculty, Nanayng Polytechnic
Target	School of Design Students from NYP
Date	31-08-2017

**Some Modules Overlap with other Modules due to similarities in Chinese Translation Attempt and Thus Excluded.
** For Diploma in Visual Communication, refer to our SBM Module list within the Facebook group for more information. Some modules are excluded from list due to similarities with the SBM module sections.

Faculty Name: School of Design – 美术与设计系 **Common Modules**	
Internship Programme	实习计划
Any Projects Can be Called [Just that the Semester and Year must be stated for clarity]	美术设计专题作业
Communication Skills	沟通技巧
Presentation Skills for Designers	创作发表须知
Modelling / Model Making	模型制作
Simulation	画面模拟
Visualization	画面想象
Project Management, Practice & Policy	企划案管理
Portfolio Presentation	毕业专题发布
Design Entrepreneurship	创业须知

Industrial Design - 工业设计	
Colour, Materials & Finishes	彩色与原料概念
Design Thinking	设计概念建立
Ergonomics and Design Semantics	人体工学与创作思维
Technical Sketching & 2D Rendering	工业技术绘画技巧与二维电脑影像技术
3D Modeling & Rendering	三维模型与相关图像制作
Functional Mock-up	物体模型制作
Business & Marketing Strategy	行销策略
Culture, Creativity & Critique	文化、创意与设计哲学
Writing Skills for Designers	写作技巧
Professional Design Practices & Ethics	专业设计师道德规范须知
Spatial Design - 室内设计	
History & Elements of Spatial Design	室内设计历史与相关须知

Theory of Spatial Design	室内设计理论
Sustainable Architectural Design - 可持续建筑设计	
Building Structure	建筑结构理论
Digital Modelling & Environmental Simulation	电脑环境与建筑物模拟
Building Constructions / Building Systems	建筑工程须知
History, Theory & Culture	历史、设计理论与文化
Smart Building Technology	建筑物智能科技
Green & Sustainable Design Strategy	环保营造技术
Visual Communication - 美术	
Art Foundation	基本美术
Fundamentals of Digital Media	数码多媒体基础作业
Fundamentals of Photography	摄影技术
Typography	活版写作
Basic Web & Interaction Design	基本网站设计
Marketing & Creative Strategy	行销策略
Social Media Marketing	社交媒体大众行销
Brand Identity & Experience	品牌维系
Exhibition Design	展览会布置

Title	Engineering Related Translation List
Author	Unknown Student from Nanyang Polytechnic School of Engineering [Screen Name on Forums: “EnginEeringRocks”] (Editor) Lee Jian Lian Consortium
Date	17/2/2018

Engineering Vocabulary	
Machinery	机械
Equipment	器材
Tools and tooling	工具
Tool box	工具箱
Engine	引擎
Material	原料
Circuit	电路
Electricity	电力
Battery	电池
Automation	自动化
Override (an Automatic System)	让自动系统以人工操作
3D Printing	三维打印
Simulation	电脑模拟
Nanotechnology	纳米技术

Engineering Mathematics	
Calculus	微积分
Integral	定积分
Derivatives	导数
Statistics	统计学

Materials	
Semi-Conductor	半导体

Engineering Physics	
Acceleration	加速度
Deceleration	减速度
Speed	速度
Force	力量
Vector	向量

Scalar	量
Weight	重量
Mass	质量
Voltage	电压
Temperature	温度
Electric Current	电流量
Thermodynamics	热力学

Units	
Degrees Celsius	摄氏度
Volt	福特
Ampere	安培

Common Engineering Modules (Common Engineering Programme)	
Introduction to Engineering	工程基础
Mechanics and Material	原料与机械基本知识
Electrical Principle	工程电力基本知识
Computer Programming	电脑编程
Engineering Mathematics	工程数学（微积分及统计学）
Communications Skills	同事交流与发布会须知

Maintenance	
Maintenance	例行维修
System Failure	系统故障

*** The original file was sent by me through a person who know me through a forum and we exchanged e-mail addresses, he claimed to be from Nanyang Polytechnic School of Engineering. He explained shortly after sending that he doesn’t want his name revealed for below reasons

- He is having some family issues thus not wanting exposure.
- He is not confident of his translation reliability, even if an editor is willing to help.

Nevertheless, his willingness to supply the translation allow us to be even closer to completion. He seemed to have deleted his account after the event as that forum page don’t have a “deactivation” feature and I wasn’t able to follow him afterwards.

I thank him for volunteering to share the document with me.

Title	Nanyang Polytechnic School of Information Technology Vocabulary and Studied Module English-Chinese Translation List 2018 Edition
Author	Lim Wang Sheng, School of Information Technology, Nanyang Polytechnic [CCA: NYP Mentoring Club]
Date	18/7/2018

Note from Author:
I am committed to providing high quality material for the school to use in various applications. The purpose of this material is to facilitate communication just in case students from China or Taiwan visit my school or students from my school decided to sign up for trips to Chinese Speaking Countries.

Modules from Common ICT Program (资讯科技系共同学习科目)	
Computing Mathematics	电脑专职数学 – 微积分，进制及函数
Business Statistics	商务统计学
Communication Skills	工作沟通技能 与发布会须知
Data Analysis and Visualization	基本数据分析
Design Thinking/Principle of UX Design	创作思维
Digital Business	电子商务
Infocomm Security	基本电脑与网络保安
Law and Ethics of IT	资讯科技工作职业道德与相关条例知识
Network Technology	基本网络技术
Programming Essentials	程序编写 – 初级
Web Application Development	网页设计与相关程序编写
Application Development	应用软件开发

Common Modules Taken by Multiple SIT Courses	
Data Structure and Algorithm	数据结构与相关运算原理
Database Management	数据库管理 – 初级
Software Engineering	软件工程技术
Final Year Project	毕业专题作业
General Studies Module	共同学习科目
Digital Marketing	数码行销
Governance, Risk and Compliance	风险管理与商业条例知识
Internship	实习计划
Network Security	网络保安
Cloud Security	云端系统保安
Cybersecurity Attack and Defense	电脑系统攻守技能

Mobile Application Development	智能设备应用开发
Operating Systems and System Administration	操作系统管理理论
Enterprise Application Development	企业应用开发

Business and Financial Technology （商务与金融资讯科技)	
Blockchain and Distributed Ledger	加密货币与区块链技术
Cloud Computing for Business Application	云端技术
Financial Management	财务管理
Principle of Accounting	会计理论
Principle of Economics	经济学
Business Analytics	商业数据分析
Business Application Development Project	工业软件开发
Business Innovation Project	企业创意思维
Investment and Financial Derivative	投资管理
Entrepreneurship	创业须知
Consumer Banking	银行管理
Omni-Channel Management	企业作业模式多元化
Business Intelligence & Analytics （商务智能与大数据分析）	
Big Data Management	大数据管理
Consumer Behavior	消费者行为研究
Decision Science	企业决策研究
Marketing Analytics	市场分析
Big Data Analytics Project	大数据分析专题作业
Business Analytics Project	商务数据分析专题作业
Artificial Intelligence Technologies	人工智能技术
Data Science Project	数据研究与分析
Text & Rich Media Analytics	多媒体数据整合与分析
Analytics for Financial Services	金融业大数据分析
Analytics for Retail & Hospitability	服务业与零售业大数据分析
Geospatial Analytics	地理大数据研究
Social Media Analytics	社交媒体大数据分析
Cyber Security and Digital Forensics (电脑保安与科技罪案取证)	
Applied Cryptography	资料加密技术
Info-Security Standards, Policies and Audit	系统安全审计

System Security Management	电脑系统安全管理
Application Security Project	程序保安技术
Info-Security Project	系统安全作业
Mobile Security	移动设备安全技术
Operations Security	系统安全作业
Malware Analysis	电脑病毒分析
Advanced Cyber Forensic Techniques	科技罪案取证与证物分析
Infocomm & Security (资讯通信与保安)	
Advanced Web Application Development	网站与相关程序编写 – 高级
Internet of Things Data Management	物联网数据管理
IT Services and Risk Management	服务器与风险管理
Network and Communication	公司内部网络管理 (Literally, Internal Network Management)
System Security Project	系统安全政策落实于相关专题作业
System Administration and Security	系统安全管理
Internet of Things Project	物联网专题作业
Cybersecurity Operation & Intelligence	电脑保安作业与相关情报
Enterprise Infrastructure Project	企业电脑设施与相关专题作业
Enterprise Networking	企业网络设计、落实与管理
Software Defined Networking	云端网络管理
Enterprise Software Development	企业应用开发
Database Administration	数据库管理 – 高级
Information Technology (资讯科技)	
Advanced Programming	程序编写 – 高级
Application Security	应用程序保安
Market Research & Technology Trends	市场与科技势头
Foundation of Artificial Intelligence	人工智能基本框架
Machine Learning	人工智能理论 (Literally Theory on the Ability of Artificial Intelligence)
Artificial Intelligence Application Project	人工智能程序编写
Cloud Application Development	云端应用开发
Cloud Architecture	云端系统结构
Geospatial Information System	系统定位与定位数据分析
Geospatial and Mobile Innovation	智能手机应用程序开发